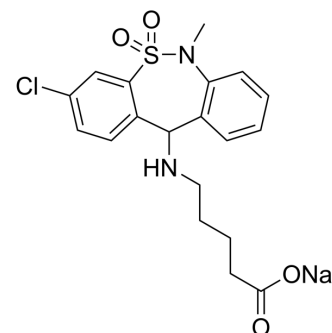


Tianeptine metabolite MC5 sodium salt

Cat. No.:	HY-W777199
CAS No.:	115220-11-6
Molecular Formula:	C ₁₉ H ₂₀ ClN ₂ NaO ₄ S
Molecular Weight:	430.88
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tianeptine metabolite MC5 sodium salt is a major active metabolite of tianeptine. Tianeptine and MC5 metabolite are eliminated with bile as glucuronide and glutamine conjugates ^[1] .
In Vivo	The mean elimination half-lives of tianeptine and MC5 metabolite are 1.16 and 7.53 h, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Szafarz M, et al. Pharmacokinetic study of tianeptine and its active metabolite MC5 in rats following different routes of administration using a novel liquid chromatography tandem mass spectrometry analytical method. *Naunyn Schmiedebergs Arch Pharmacol.* 2018 Feb;391(2):185-196.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA